

NITROETHYLENE DERIVATIVE, ITS PRODUCTION AND INSECTICIDE

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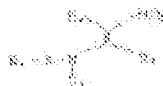
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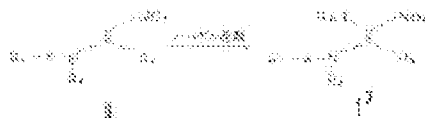
Abstract of JP 3255072 (A)

NEW MATERIAL: A compound expressed by formula I [R1 is substituted heterocyclic ring; X is alkylene, hetero-atom or single bond; R2 is H, alkyl, alkenyl, alkynyl, aryl, etc.; R3 is alkyl, alkenyl, alkynyl, aryl, etc.; R4 is halogen or SR13 (R13 is alkyl, alkenyl, etc.)]. EXAMPLE: 1-Chloro-2-(N-methyl-N-2-chloropyridin-5-ylmethylamino)-2-methylamino-1-nitroethylene. USE: An insecticide.

PREPARATION: A compound expressed by formula II is allowed to react with a halogenating agent (e.g. N-chlorosuccinimide or N-bromosuccinimide) to afford the objective compound expressed by formula I' (Hal is halogen).



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